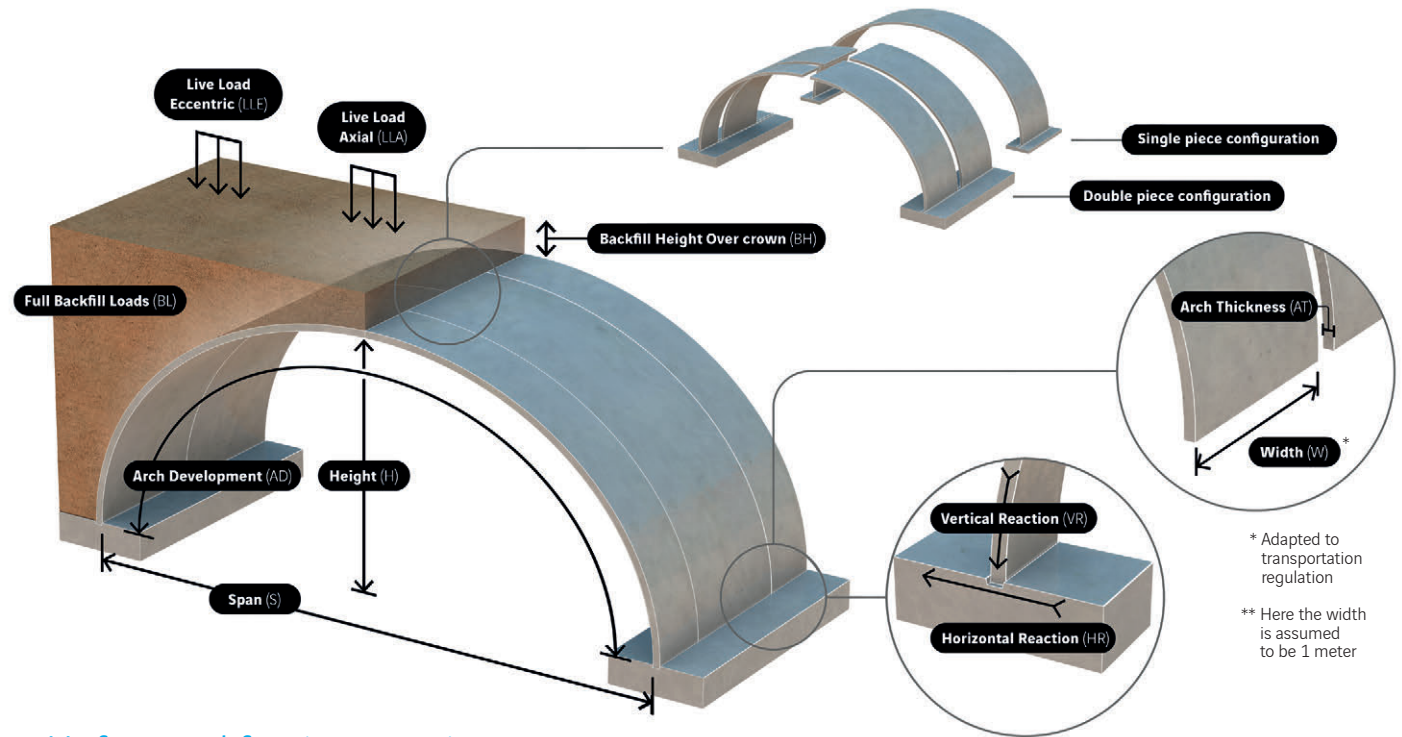


Main dimensions

Arch configuration (piece)	Double
Span - S (m)	11,58
Height - H (m)	4,00
Arch Thickness - AT (mm)	250
Arch Development - AD (m)	15,63
Element Weight per unit width (ton/m)	4,88



* Adapted to transportation regulation
 ** Here the width is assumed to be 1 meter

Unfactored footing reactions

		Backfill height over crown (BH) - BH ≥ 1 m									
	Load combination	1 m		2 m		3 m		4 m		5 m	
		HR	VR	HR	VR	HR	VR	HR	VR	HR	VR
TS-F_1200/C reactions (kN/m)	Arch SW*	29	52	29	52	29	52	29	52	29	52
	BL	73	289	131	424	189	559	246	695	304	831
	LLA	168	452	219	577	270	700	322	822	375	942
	LLE	194	525	229	620	268	724	311	835	359	955
	SH**	35	315	154	459	257	612	346	776	419	950
	SV**	78	351	165	505	247	664	324	830	395	1003

Hydraulic waterways

Wet surface - WS (m ²)	30,03
Wet perimeter* WP (m)	19,05

* dimensions given for 1 meter freeboard

* Arch SW stands for arch self weight
 ** SH and SV stand for horizontal/vertical seismic inertial loads. Live loads excluded

Contact us to confirm compliance with local requirements